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DFD-[illegible]-57

24 September 1959

MEMORANDUM FOR: Acting Chief, DFD

THROUGH : Chief, Developments, DFD

25X1A SUBJECT : [redacted] Testing

25X1A 1. On 16 and 17 September 1959, Major [redacted] attended meeting with [redacted] to discuss the [redacted] 25X1A
[redacted] test program and final setting for components of the equipment.

2. As a result of the discussions, it was concluded that flight testing of the Mod 50A is complete. A limited testing schedule is programmed for the second production repeater in order to evaluate production quality control. No flight testing will be scheduled for subsequent production items. Flight testing will continue of a "dummy" box in an airplane equipped with a J-75 engine in order to evaluate the temperature environment. Two (2) fixes have been incorporated on the airplane in an effort to reduce the drag chute compartment temperature. These two (2) fixes are: (1) a metal diverter in the tail pipe to reduce blast effect and provide by-pass cooling air, and (2) an airscoop on each side to direct ambient air against the sides of the container. The inside temperature limit has been defined as +40°C.

[redacted] 25X1B

25X1A 4. [redacted] will take the production item to ATIC for evaluation on 28 September 1959. [redacted] will be at Headquarters on 30 September 1959.

25X1A

25X1A [redacted]
Major, USAF

25X1A DFD-DD/P[redacted]mcb
Distribution:
Orig & 1 - Addressee
1 - Ch/DDA/DFD
1 - Ch/OPS/DFD
1 - Ch/[illegible]/DFD
1 - Ch/COMPO/DFD
1 - [redacted] File 25X1A
1 - RI

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